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PATENT
Attorney Docket No. 215099

#3A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Tanaka et al.

Application No. 10/038,918

Art Unit: 1645

Filed: January 3, 2002

Examiner: Unassigned

For: NOVEL PROTEOME ANALYSIS METHOD
AND DEVICES THEREFOR

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to the examination of the above-identified patent application, please enter the following amendments and consider the following remarks.

AMENDMENTS

IN THE SPECIFICATION:

Replace the paragraph beginning at page 5, line 24, with:

A
Thirdly, effective idea, method or a technique for grouping the total proteins contained in a biological sample has not been provided. The number of total proteins expressed from human genes totaling to about 30,000 in number reaches a large number exceeding 100,000. They are subject to splicing after transcription from the same gene, thereby producing proteins having shorter peptide chains than others, and to various modifications by sugar, lipid, phosphate group and the like, after translation. As a result, proteins, the target of proteomics, consist of far more complicated molecule groups than the DNA polymer molecule, the target of genomics. Based on these facts, a hypothesis is set up that the only methodology (sequence determination for nucleic acid) based on the only purpose (to determine the nucleic acid sequence) can not elucidate diverse structures and

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CERTIFICATE OF MAILING

I hereby certify that this PRELIMINARY AMENDMENT (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date: April 26, 2002

A handwritten signature in black ink, appearing to read "John K. Hall, Jr."

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